

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065822.D
 Acq On : 19 Jun 2020 12:04
 Operator : VA/SY
 Sample : VD0619SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBL01

Quant Time: Jun 20 01:34:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	162325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	281383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	256567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	110219	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91841	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
35) Dibromofluoromethane	7.91	113	87900	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.34	98	325602	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.64	95	102035	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	

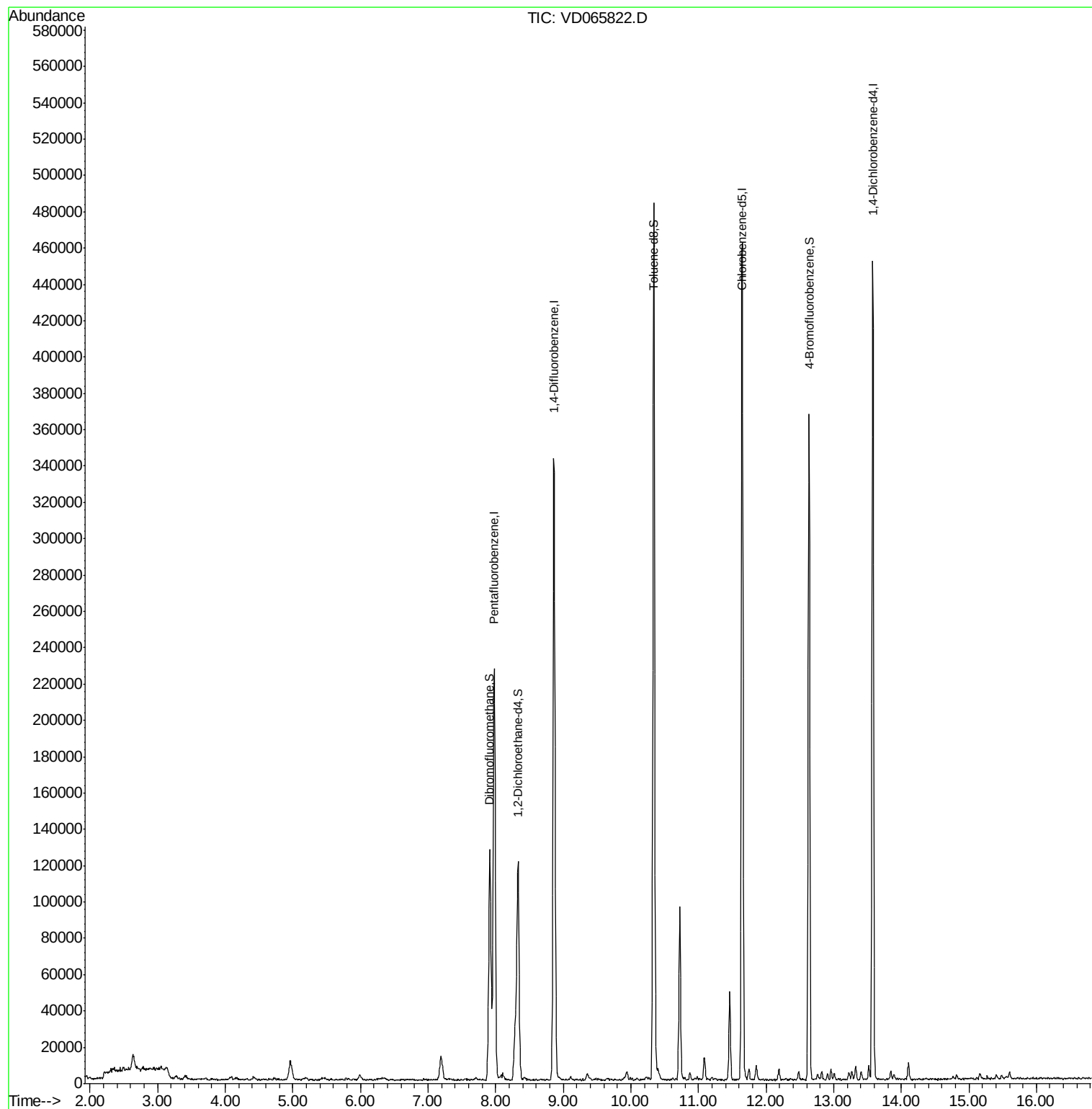
Target Compounds	Qvalue

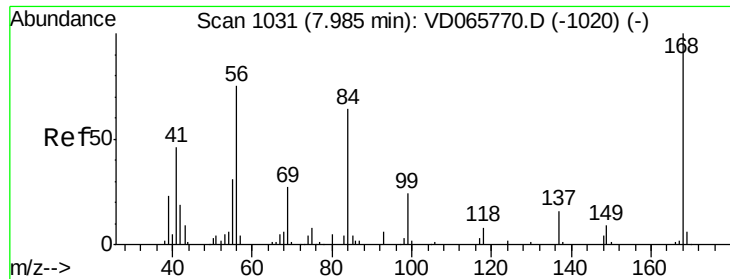
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065822.D

Acq: 19 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

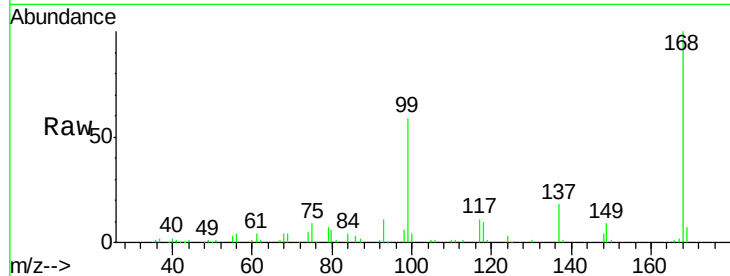
VD0619SBL01

Tot Ion:168 Resp: 162325

Ion Ratio Lower Upper

168 100

99 59.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

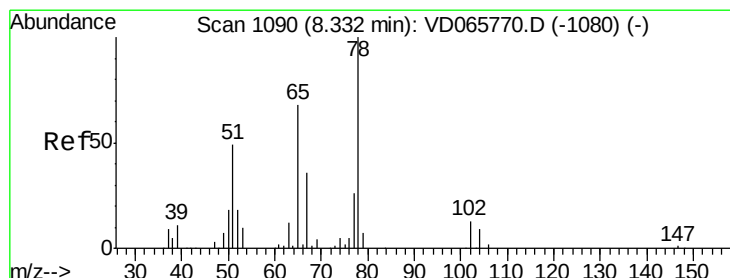
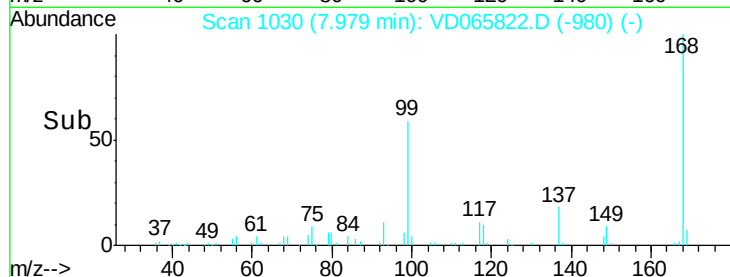
60000

40000

20000

0

Time--> 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.258 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065822.D

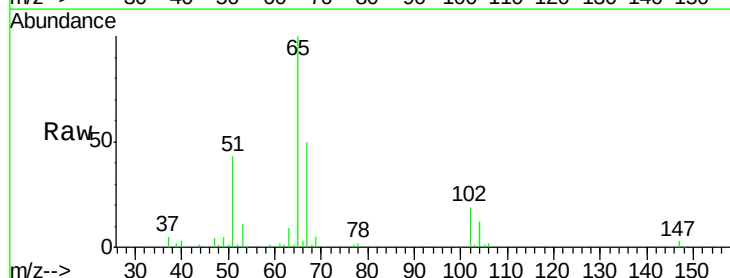
Acq: 19 Jun 2020 12:04

Tgt Ion: 65 Resp: 91841

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

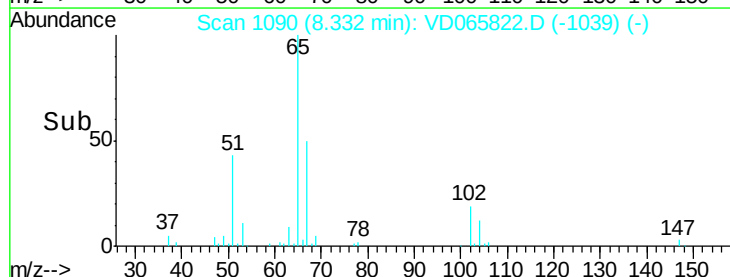
30000

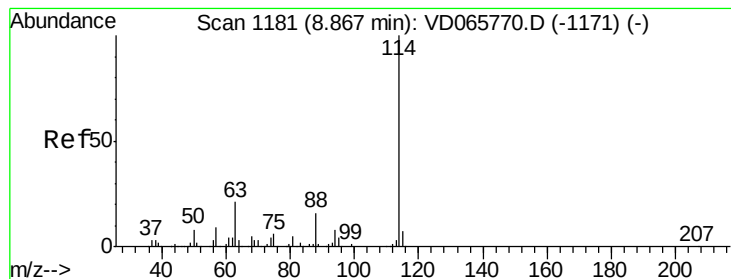
20000

10000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065822.D

Acq: 19 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBL01

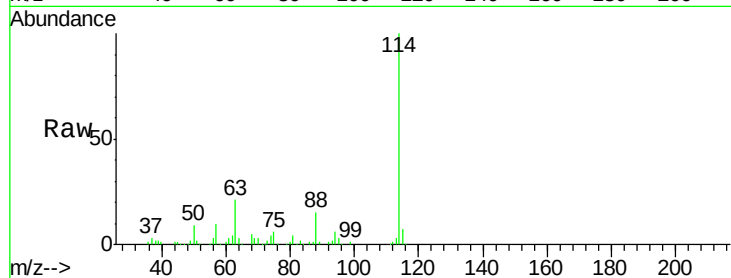
Tot Ion:114 Resp: 281383

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

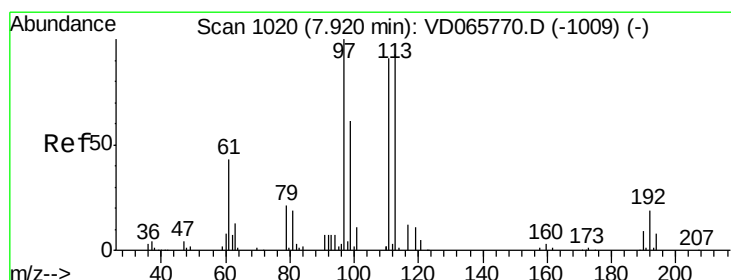
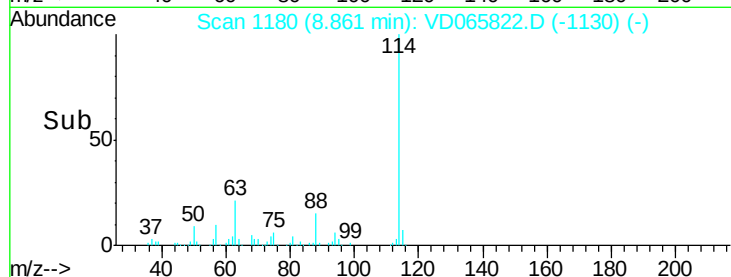
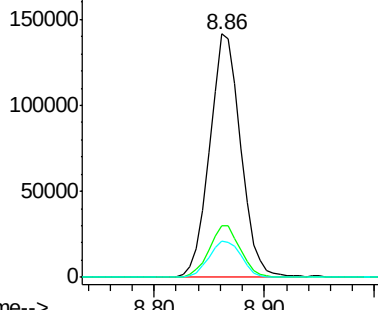
88 15.0 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.455 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065822.D

Acq: 19 Jun 2020 12:04

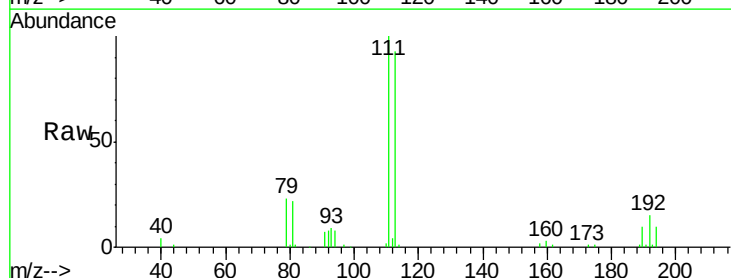
Tgt Ion:113 Resp: 87900

Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.0

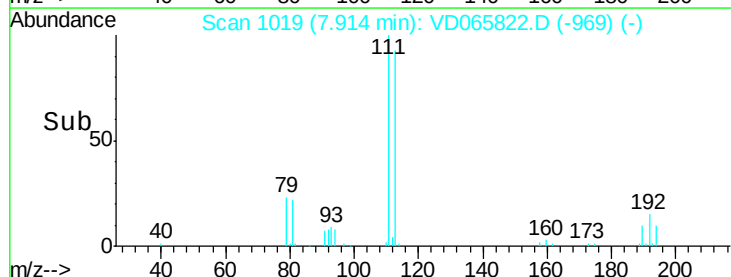
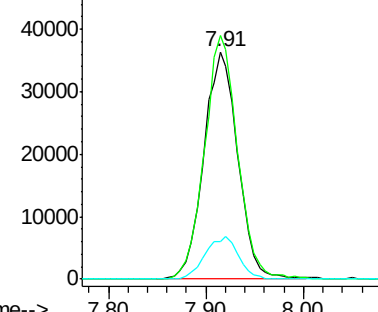
192 18.3 15.7 23.5

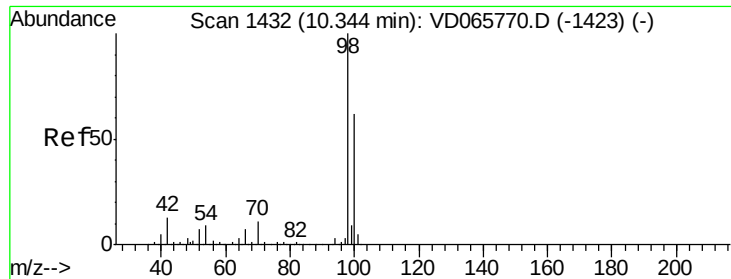


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.128 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD065822.D

Acq: 19 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

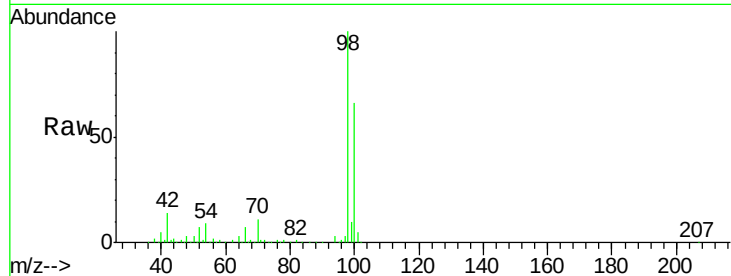
VD0619SBL01

Tot Ion: 98 Resp: 325602

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VD065770.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065770.D (-1423) (-)

10.34

200000

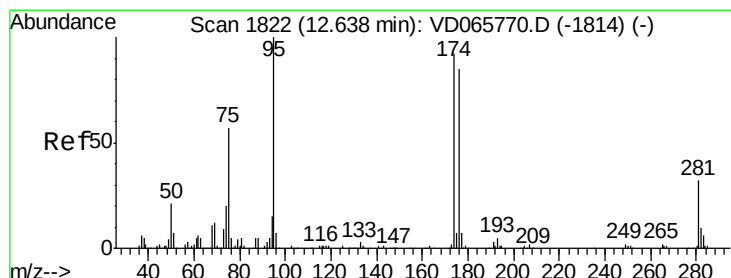
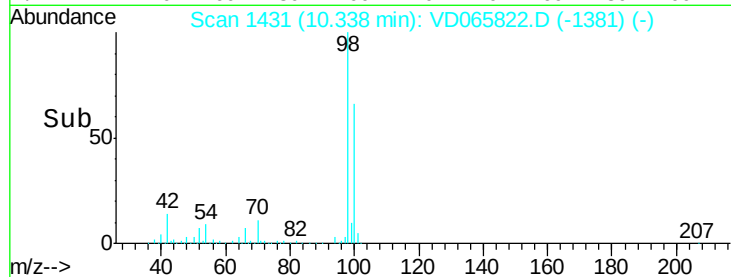
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 45.396 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065822.D

Acq: 19 Jun 2020 12:04

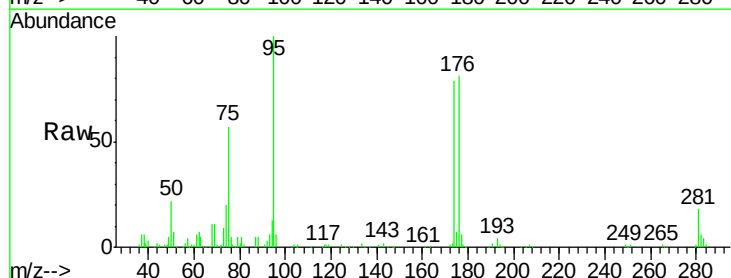
Tgt Ion: 95 Resp: 102035

Ion Ratio Lower Upper

95 100

174 80.5 0.0 175.2

176 79.5 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VD065770.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065770.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065770.D (-1814) (-)

12.64

80000

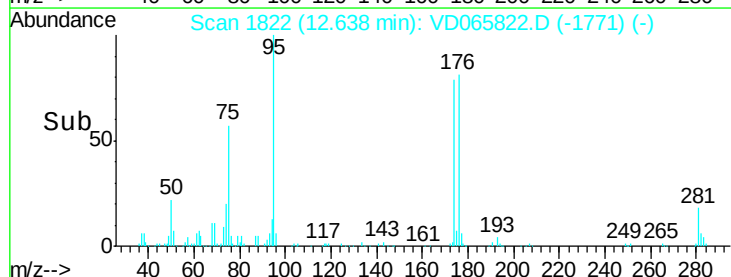
60000

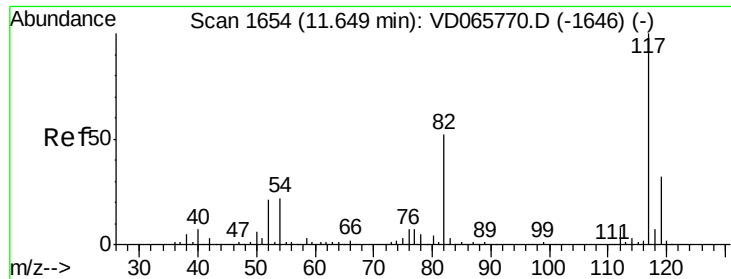
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

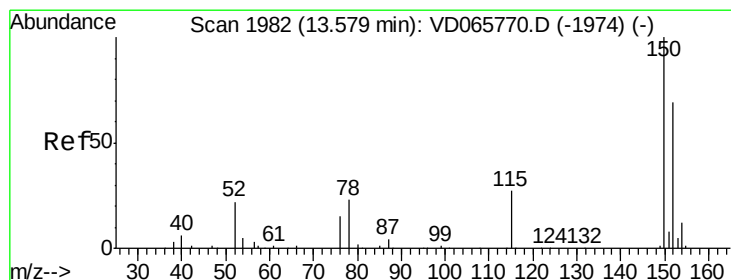
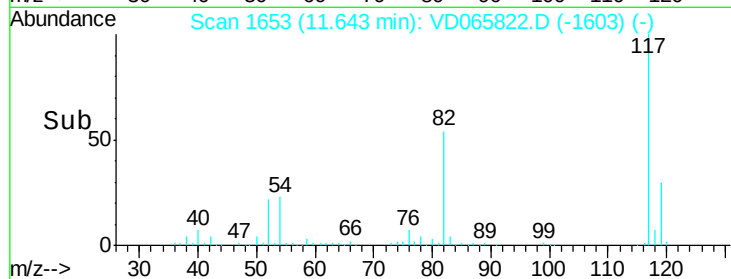
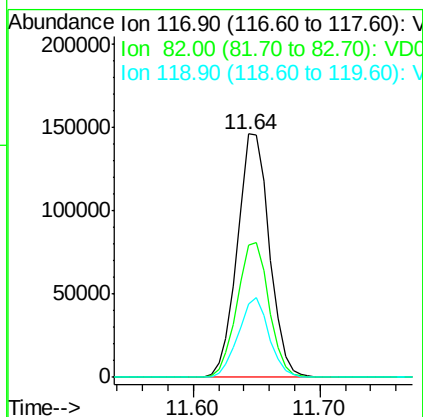
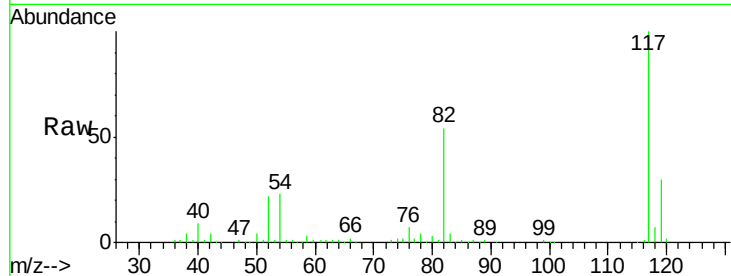




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBL01

Tot Ion:117 Resp: 256567
Ion Ratio Lower Upper
117 100
82 54.3 41.9 62.9
119 30.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion:152 Resp: 110219
Ion Ratio Lower Upper
152 100
115 59.2 28.7 86.1
150 160.5 0.0 348.0

